

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77004

Takeyoshi KANO, et al.

Appln. No.: Not Yet Assigned

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: September 16, 2003

Examiner: Unknown

For: **A METHOD OF GRAFT POLYMERIZATION AND VARIETY OF MATERIALS
UTILIZING THE SAME AS WELL AS PRODUCING METHOD THEREOF**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a

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request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

English language abstracts of JP-A-53-17407, JP-A-59-101657, JP-A-6-18706, JP-A-7-1849, JP-A-7-1853, JP-A-8-272087, JP-A-8-292558, JP-A-8-507727, JP-A-10-17688, JP-A-10-53658, JP-A-11-43614, JP-A-11-84658, JP-A-2000-80189 and JP-A-2001-166491 are submitted herewith and constitute concise statements of relevance for the respective references.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE
23373
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Substitute for Form 1449 A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Yet Assigned
(use as many sheets as necessary)				Confirmation Number	Unknown
				Filing Date	September 16, 2003
				First Named Inventor	Takeyoshi KANO
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	Q77004

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴		
		JP	53-17407	A 02-17-1978	
		JP	59-101657	A 06-12-1984	Abstract
		JP	6-18706	A 01-28-1994	Abstract
		JP	7-1849	A 01-06-1995	Abstract
		JP	7-1853	A 01-06-1995	Abstract
		JP	8-272087	A 10-18-1996	Abstract
		JP	8-292558	A 11-05-1996	Abstract
		JP	8-507727	A 08-20-1996	Abstract
		JP	10-17688	A 01-20-1998	Abstract
		JP	10-53658	A 02-24-1998	Abstract
		JP	11-43614	A 02-16-1999	Abstract
		JP	11-84658	A 03-26-1999	Abstract

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶

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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

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Sheet	2	of	2	Attorney Docket Number	
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Hiroo IWATA, " Surface Graft Reaction on Separation Membrane and Dynamic Function of Grafted Chains", Surface, Vol. 32, No.3 (1994) pp. 28-34 published by Koushinsha	
		Martin S. KUNZ, et al., " Colloidal Gold Dispersions in Polymeric Matrices", Journal of Colloid and Interface Science 156, pp. 240-249 (1993) published by ACADEMIC PRESS, INC.	

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